

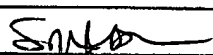
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| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(Use as many sheets as necessary)</i> |                        |  |   | Application Number             |  | 10/645,861-7697   |  |                |
|---|------------------------|--|---|--------------------------------|--|---|--|----------------|
|   |                        |  |   | Filing Date                    |  | 8/20/2003   |  |                |
|   |                        |  |   | First Named Inventor:          |  | Wingyu Leung  |  |                |
|   |                        |  |   | Examiner: Stephen M. Baker     |  | GROUP: 2133   |  |                |
| Sheet   | 1                      | of   | 5 | Attorney Docket Number         |  | MST-012-1P  |  |                |
| <b>U.S. PATENT DOCUMENTS</b>  |                        |  |   |                                |  |   |  |                |
| Examiner Initials*  | Cited No. <sup>1</sup> | Document Number<br>Number - Kind Code <sup>2,4(2name)</sup>  |   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines<br>Where Relevant Passages or<br>Figures Appear |  |                |
| SM  | F01                    | US-3,814,921   |   | 06/04/1974                     | Nibby et al.                                       |   |  |                |
| SM  | F02                    | US-3,969,706   |   | 07/13/1976                     | Proebsting et al.                                  |   |  |                |
| SM  | F03                    | US-4,045,783   |   | 08/30/1977                     | Harland  |   |  |                |
| SM  | F04                    | US-4,389,714   |   | 06/21/1983                     | Nakao  |   |  |                |
| SM  | F05                    | US-4,768,197   |   | 08/30/1988                     | Petolino et al.                                    |   |  |                |
| SM  | F06                    | US-4,839,868   |   | 06/13/1989                     | Sato et al.  |   |  |                |
| SM  | F07                    | US-4,884,271   |   | 11/28/1989                     | Concha et al.                                      |   |  |                |
| SM  | F08                    | US-4,933,904   |   | 06/12/1990                     | Stewart et al.                                     |   |  |                |
| SM  | F09                    | US-5,008,886   |   | 04/16/1991                     | Chinnaswamy et al.                                 |   |  |                |
| SM  | F10                    | US-5,235,693   |   | 08/10/1993                     | Chinnaswamy et al.                                 |   |  |                |
| SM  | F11                    | US-5,241,503   |   | 08/31/1993                     | Cheng  |   |  |                |
| <b>FOREIGN PATENT DOCUMENTS</b>   |                        |  |   |                                |  |   |  |                |
| Examiner Initials*  | Cite No. <sup>1</sup>  | Foreign Patent Document<br>Cntry Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5(2name)</sup> |   |                                | Publication Date<br>MM-DD-YYYY                     | Name of Patentee or<br>Applicant of Cited Document                    | Pages, Columns, Lines<br>Where Relevant<br>Passages or Figures<br>Appear | T <sup>6</sup> |
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| SM  | F12                    | US-5,289,584  |   | 02/22/1994                     | Thome et al.                                       |   |  |                |
| SM  | F13                    | US-5,369,651  |   | 11/29/1994                     | Marisetty  |   |  |                |
| SM  | F14                    | US-5,402,389  |   | 03/28/1995                     | Flannagan et al.                                   |   |  |                |
| SM  | F15                    | US-5,430,742  |   | 07/04/1995                     | Jeddeloh et al.                                    |   |  |                |
| SM  | F16                    | US-5,469,558  |   | 11/21/1995                     | Lieberman et al.                                   |   |  |                |
| SM  | F17                    | US-5,502,835  |   | 03/26/1996                     | Le et al.  |   |  |                |
| SM  | F18                    | US-5,513,148  |   | 04/30/1996                     | Zagar  |   |  |                |
| SM  | F19                    | US-5,519,839  |   | 05/21/1996                     | Culley et al.                                      |   |  |                |
| SM  | F20                    | US-5,519,847  |   | 05/21/1996                     | Fandrich et al.                                    |   |  |                |
| SM  | F21                    | US-5,579,267  |   | 11/26/1996                     | Koshikawa  |   |  |                |
| SM  | F22                    | US-5,586,282  |   | 12/17/1996                     | Iino et al.  |   |  |                |
| <b>FOREIGN PATENT DOCUMENTS</b>   |                        |   |   |                                |  |   |  |                |
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|   |                        |  |    | Examiner: Stephen M. Baker     |  | GROUP: 2133   |                |
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| SM  | F23                    | US-5,592,435   |    | 01/07/1997                     | Mills et al.                                       |   |                |
| SM  | F24                    | US-5,615,169   |    | 03/25/1997                     | Leung  |   |                |
| SM  | F25                    | US-5,671,187   |    | 09/23/1997                     | Childers et al.                                    |   |                |
| SM  | F26                    | US-5,687,353   |    | 11/11/1997                     | Chen et al.  |   |                |
| SM  | F27                    | US-5,708,624   |    | 01/13/1998                     | Leung  |   |                |
| SM  | F28                    | US-5,778,237   |    | 07/07/1998                     | Yamamoto et al.                                    |   |                |
| SM  | F29                    | US-5,829,026   |    | 10/27/1998                     | Leung et al.                                       |   |                |
| SM  | F30                    | US-6,020,773   |    | 02/01/2000                     | Kan et al.   |   |                |
| SM  | F31                    | US-6,052,011   |    | 04/18/2000                     | Dasgupta   |   |                |
| SM  | F32                    | US-6,701,480   | B1 | 03/02/2004                     | Karpuska et al.                                    |   |                |
| SM  | F33                    | US-6,738,883   | B2 | 05/18/2004                     | March et al.                                       |   |                |
| <b>FOREIGN PATENT DOCUMENTS</b>   |                        |  |    |                                |  |   |                |
| Examiner Initials*  | Cite No. <sup>1</sup>  | Foreign Patent Document<br>Cntry Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |    | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines<br>Where Relevant Passages or<br>Figures Appear | T <sup>6</sup> |
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| SD  | F34                       | US-6,854,059   | B2   | 02/08/2005                            | Gardner   |  |                |
| SD  | F35                       | US-7,064,993   | B2   | 06/20/2006                            | Gyohten et al.  |  |                |
| SD  | F36                       | US-7,099,216   | B2   | 08/29/2006                            | Luk et al.  |  |                |
| SD  | F37                       | US-2002/0029365  | A1   | 03/07/2002                            | Sato et al.   |  |                |
| SD  | F38                       | US-2004/0039883  | A1   | 02/26/2004                            | LaBerge et al.  |  |                |
| SD  | F39                       | US-2004/0044943  | A1   | 03/04/2004                            | Jacquet et al.  |  |                |
| SD  | F40                       | US-2004/0064646  | A1   | 04/01/2004                            | Emerson et al.  |  |                |
| SD  | F41                       | US-2004/0172504  | A1   | 09/02/2004                            | Balazich et al.                                       |  |                |
| SD  | F42                       | US-2004/0213064  | A1   | 10/28/2004                            | Gyohten et al.  |  |                |
| SD  | F43                       | US-2005/0185492  | A1   | 08/25/2005                            | Harrand   |  |                |
| SD  | F44                       | US-2006/0034132  | A1   | 02/16/2006                            | Jain  |  |                |
| <b>FOREIGN PATENT DOCUMENTS</b>   |                           |  |  |                                       |   |  |                |
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| SM  | F45   | US-2006/0080589  | A1 | 04/13/2006                     | Holm et al.  |                 |   |                |
| SM  | F46   | US-2006/0156196  | A1 | 07/13/2006                     | Takahashi et al.                                   |                 |   |                |
| SM  | F47   | US-2006/0158950  | A1 | 07/20/2006                     | Klein  |                 |   |                |
| SM  | F48   | US-2006/0200723  | A1 | 09/07/2006                     | Carnevale et al.                                   |                 |   |                |
| SM  | F49   | US-2006/0200728  | A1 | 09/07/2006                     | Nagai et al.                                       |                 |   |                |
|   |   |  |    |                                |  |                 |   |                |
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|   |   |  |    |                                |  |                 |   |                |
| <b>FOREIGN PATENT DOCUMENTS</b>   |   |  |    |                                |  |                 |   |                |
| Examiner Initials*  | Cite No. <sup>1</sup>   | Foreign Patent Document<br>Cntry Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>5</sup> (if known) |    | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document |                 | Pages, Columns, Lines<br>Where Relevant Passages or Figures Appear    | T <sup>6</sup> |
|   |   |  |    |                                |  |                 |   |                |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |   |  |    |                                |  |                 |   |                |
| SM  | Bondurant, D. "15nsec Enhanced DRAM Upgrades System Performance in 72-Pin SIMM Socket", Silicon Valley Personal Computer Design Conference Proceedings, Date Unknown, pp. 81-86 |  |    |                                |  |                 |   |                |
| SM  | Dosaka et al. "A 100-Mhz 4-Mb Cache DRAM with Fast Copy-Back Scheme", IEEE Journal of Solid-State Circuits, Vol. 27, No. 11, Nov. 1992, pp. 1534-1539                           |  |    |                                |  |                 |   |                |
| SM  | Sunaga et al. "A Full Bit Prefetch Architecture for Synchronous DRAM's", IEEE Journal of Solid-State Circuits, Vol. 30, No. 9, Sep. 1995, pp. 998-1005                          |  |    |                                |  |                 |   |                |
| SM  | Pentium Processor 3.3V Pipelined BSRAM Specification, Ver. 2.0, Intel Corp., 25 May 1995, pp. 1-44  |  |    |                                |  |                 |   |                |
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